

Integrated Base Sounder

45681-277, 45681-290, 45681-300

- **ADM loop technology with Apollo/Discovery protocol**
- **Integrated detector base with dual-isolator**
- **Warning tone 1kHz**
- **Slow whoop tone – NEN 2575**
- **Emergency signal tone – DIN 33404**
- **Sound level selectable in two steps– up to 91dB(A)**
- **Integrated acoustical self test**



Description

The Integrated Base Sounders 45681-277, 45681-290 and 45681-300 are fitted into a round, white plastic case with an integrated base for accommodating automatic Fire Detectors or Strobes Series XP95 or Discovery.

The sounders are powered and actuated as modules via the ADM loop with Apollo/Discovery protocol. They can be used in combination with a detector or strobe, or as stand-alone device. For the latter case an optional white or red plastic lid is available. Furthermore, the sounders are equipped with an integrated dual-isolator module. Two different tone types, depending on the sounder model, are available, and they can be selected during

parameterisation of the Fire Detection Control Panel Series BC216. If several sounders are actuated in parallel, they are synchronized by Fire Detection Control Panels Series BC216 to generate a uniform warning tone.

In case of activation, the sounder is tested acoustically by means of an integrated microphone.

The address of the sounder as well as the sound level are selected by means of a DIL switch.

The base sounders have been designed for indoor mounting. An optional mounting plate is available for surface mounted cabling.

Specifications

Operating voltage	17 – 28VDC
Current consumption	max. 200µA (sounder off) max. 5mA (sounder on)
Sound level	55 – 75dB(A) or 75 – 91dB(A)
Ambient temperature	-20°C to +60°C
Dimensions ø x H	115 x 38 (mm)
Colour	white
Weight	140g

Loop sounder warning tone (alert tone)	
Tone A	Continuous tone, alternating (581Hz for 1s/870Hz for 1s)
Tone B	Interrupted tone 870Hz (1s on, 1s off)
Order number	355133
Order name	Sounder with Base/XP95ISM/White/Alert 45681-277

Loop sounder slow whoop tone	
Tone A	NEN 2575 Slow whoop tone (500 – 1200Hz for 3.5s, 1s pause)
Tone B	Continuous tone 870Hz
Order number	355131
Order name	Sounder with Base/XP95ISM/White/Slow Whoop 45681-290

Loop sounder DIN tone	
Tone A	DIN 33 404 Emergency signal (1200 – 500Hz for 1s)
Tone B	Continuous tone 870Hz
Approval	VdS G207009
Order number	355132
Order name	Sounder with Base/XP95ISM/White/DIN Tone 45681-300

Lid for detector base sounder, red	
Dimensions $\varnothing \times H$	100 × 9 (mm)
Order number	359021
Order name	Lid for Detector Base Siren/Red 29600-293

Lid for detector base sounder, white	
Dimensions $\varnothing \times H$	100 × 9 (mm)
Order number	359020
Order name	Lid for Detector Base Siren/White 29600-292

Mounting plate for surface mounted cabling	
Order number	359022
Order name	Mounting Plate for Sounder with Base/XP95 38531-810

